

Southern California Edison
2022-WMPs – 2022-WMPs

**DATA REQUEST SET O E I S - S C E - 2 2 -
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To: Energy Safety
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Response Date: 5/25/2022

Question 06 Supplemental:

System Hardening Workshop Presentation Slide 5:

- a. On slide 5 of the System Hardening presentation given during the workshop on March 10, 2022, SCE provides that 30% of the 9,700 circuit miles are already hardened.
- i. Provide the circuit percentage of already hardened circuit mileage using undergrounding, covered conductor, and covered conductor++ for each of the following:
 - (1) Severe risk areas
 - (2) High consequence segments
 - (3) Other HFRA segments

Response to Question 06 Supplemental:

After filing its 2022 WMP Update, SCE continued to evaluate the segment designations (i.e., severe, high consequence) in its HFRA. This evaluation resulted in some changes to the segment designations of certain circuit segments. The results of this evaluation were incorporated into SCE's 2022 Risk Assessment Mitigation Phase (RAMP) report, submitted to the CPUC on May 13, 2022, as well as in SCE's 2021 General Rate Case Track 4 Application, also submitted to the CPUC on May 13, 2022. To be consistent with the mileage information presented in those regulatory filings, SCE is updating this data request response.

Table 1 reflects these changes.

Table 1: Updated Table of Risk Areas Miles (Which is a summary version of Table SCE 7-3 on p. 222 of 2022 WMP Update)

Risk Area	Currently Hardened		Currently Unhardened (include miles in progress, but not yet constructed)		Totals	
	Miles from 2022 WMP Update	Updated Miles	Miles from 2022 WMP Update	Updated Miles	Miles from 2022 WMP Update	Updated Miles
Severe Risk Areas Miles	725	900	1,200	1,375	1,925	2,275
High Consequence Segments Miles	1,700	1,500	3,375	3,175	5,075	4,675
Other HFRA Miles	475	500	2,225	2,250	2,700	2,750
Total	2,900	2,900	6,800	6,800	9,700	9,700

The breakdown of the already hardened circuit mileage in severe risk areas, high consequence segments, and other HFRA segments at the end of 2021 are presented below.

	Covered Conductor	Undergrounding
Severe Risk Areas Miles	900 (9.3%)	0.41 (0.004%)
High Consequence Segments Miles	1,500 (15.5%)	5.42 (0.056%)
Other HFRA Miles	500 (5.2%)	0 (0.000%)
Total Hardened HFRA Miles	2,900 (29.9%)	5.83 (0.060%)
Total HFRA Miles	9,700	

As stated in the original response, the “++” portion of covered conductor ++ reference additional activities that further improve the mitigation effectiveness of the covered conductor installation and is not a different type of covered conductor. These additional activities include Hazard Tree Mitigation Program (HTMP), asset inspections, pole brushing, and line clearing. SCE performs “++” in areas where possible but in the future SCE will use our updated grid hardening strategy to provide “++” for all miles listed in the table for severe risk and high consequence where feasible going forward.